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What is claimed is:.

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Sub A13	A socket contact for mating with a pin contact, said socket contact
2	comprising:
3	an electrical component-attaching section integrally formed with a
4	receptacle section, the receptacle section forming a bore for receiving the pin
5	contact, the receptacle section having a conductive element in the bore having a
6	contact portion for contacting the pin contact, an arc-arresting end portion with
7	an opening therein which opens into the bore and has a diameter smaller than
8	an outer diameter of the pin contact for initially engaging the pin contact and
9	establishing an electrical connection between the pin contact and the socket
10	contact whereby the mandatory engagement and resulting electrical connection
11	between the pin contact and the arc-arresting end portion precludes deleterious
12	electrical arcing between the pin-contact and the conductive element, and
13	expansion means for permitting the opening to expand as the pin passes
14	therethrough into the bore.
1	2. The socket contact of Claim 1 wherein the expansion means
2	comprises at least one slot in the receptacle section.
1	The socket contact of Claim 1 wherein the expansion means
2	comprises a plurality of slots in the receptacle section.
_	overbines a branatity of store in the recebilities section.

The socket contact of Claim's wherein the end portion has a bevelled surface extending radially outwardly and in a first direction for causing the opening therein to expand when the pin contact is inserted into the opening.



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The socket contact of Claim wherein the conductive element 1 2 comprises a strip of spring contacts of conductive material mounted 3 substantially around an inner wall of the bore. The socket contact of Claim wherein the strip comprises a 1 2 plurality of spaced apart cross members with a segment along their length having a reduced width. 3 The socket contact of Claim 1 further comprising an electrical 1 connector housing portion having a receptacle therein, the receptacle section of 2 the socket contact being disposed in the receptacle. WAY D An electrical socket contact for mating with a pin contact in an electrical connector, said socket contact comprising: 2 3 an electrical component-attaching end; an elastically expandable cylindrical section opposite of and integral with 4 5 the electrical component-attaching end, the elastically expandable cylindrical section having a cavity therethrough for receiving the pin contact and an 6 7 opening with a diameter smaller than an outer diameter of the pin contact 8 whereby when the pin contact is inserted through the opening into the cavity an 9 electrical connection is initially made between the pin contact and the cylindrical section in an area adjacent to the opening; and 10 11 a strip of spring contacts of conductive material located in the cavity of 12 the elastically expandable cylindrical section. The socket contact of Claim 8 wherein the elastically expandable cylindrical section comprises at least one slot extending along at least a portion



of the length of the elastically expandable cylindrical section from the opening.

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1	10. The socket contact of Claim 8 wherein the elastically expandable
2	cylindrical section comprises a plurality of slots extending along at least a
3	portion of the length of the elastically expandable cylindrical section from the
4	opening.
1	11. The socket contact of Claim 8 wherein the strip comprises a
2	plurality of spaced apart cross members with a segment along their length
3	having a reduced width.
1	12. The socket contact of Claim 8 further comprising an electrical
2	connector housing portion having a receptacle therein, the elastically expandable
3	cylindrical section being disposed in the receptacle.

